SONY®

Trinitron® Color & B/W

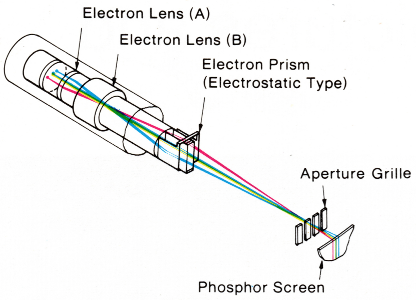
Television Sets

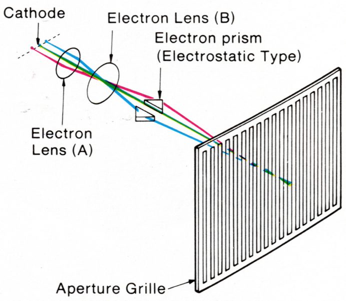
High-performance Trinitron Color and B/W TVs Always provide you with life-like pictures and big viewing pleasure

Simulated TV picture
SONY

Trinitron Color TVs

Sony's exclusively designed single gun three beam structure for sharp, bright, yet life-like color pictures





*Optional accessories are designed to meet the particular conditions of each country. We therefore recommend purchasing such items at your local Sony dealer back home.

KV-5100 ¥125,000

The smallest 5-inch Trinitron color TV, AC/DC operation

TV system: American TV standard
Color system: NTSC
Channel coverage: VHF channels 2 – 13, UHF channels 14 – 83
Antenna system: VHF telescopic monopole antenna, 75-ohm external antenna terminals for VHF UHF loop antenna, 300-ohm external antenna terminals for UHF
Picture tube: Trinitron system, 5″ measured diagonally, 55-degree deflection
Semiconductors: 3 ICs, 55 transistors, 39 diodes
Speaker: 8cm (3¼″) dia.
Power requirements: AC 120V, 50/60Hz, DC 12V or 24V car/boat batteries, or Rechargeable battery pack BP-51 (optional)
Power consumption: AC 34W (max.), DC 22W (max.) for 12V, 19W (max.) for 24V
Dimensions: 226(W)×169(H)×314mm(D) (8⅞×6⅝×12⅜″)
Weight: Approx. 5.9 kg (13 lbs)
Supplied accessories: Earphone ME-20B, AC cord, UHF loop antenna, External antenna connector EAC-4

KV-9200 ¥118,000

Dandy 9-inch Trinitron Color TV Compact, Easy-to-carry, Great color

TV system: American TV standard
Color system: NTSC
Channel coverage: VHF channels 2 – 13, UHF channels 14 – 83
Antenna system: Telescopic monopole antenna for VHF, Loop antenna for UHF, 75-ohm external antenna jack for VHF, 300-ohm external antenna terminals for UHF
Picture tube: Trinitron system, 9″ measured diagonally, 90-degree deflection
Semiconductors: 3 ICs, 1 FET, 46 transistors, 34 diodes
Speaker: 7.7 cm (3″) dia.
Power requirements: AC 120V, 50/60 Hz
Power consumption: 75W (max.)
Dimensions: 252(W)×304(H)×338 mm(D) (10¼×12×13¼″)
Weight: 9.05 kg (20 lbs)
Supplied accessories: Earphone ME-20A, UHF loop antenna AN-15, VHF antenna connector EAC-4

KV-1740 ¥155,000

American TV standard wide angle 17-inch Trinitron color TV

TV system: American TV standard
Color system: NTSC
Channel coverage: VHF channels 2 – 13, UHF channels 14 – 83
Antenna system: VHF detachable telescopic dipole antenna, 75/300-ohm external antenna terminals, UHF loop antenna, 300-ohm external antenna terminals
Picture tube: Trinitron system, 17″ measured diagonally, 114-degree deflection
Semiconductors: 7 ICs, 1 FET, 1 GCS, 22 transistors, 32 diodes
Speaker: 12×8 cm (4¾×3⅛″)
Power requirements: AC 120V, 50/60 Hz
Power consumption: 148W
Dimensions: 556(W)×411(H)×381 mm(D) (21¼×16¼×15″)
Weight: 25.6 kg (56 lbs)
Supplied accessories: VHF telescopic dipole antenna AN-16, UHF loop antenna AN-15, Earphone

KV-1820E ¥198,000

Western European standard wide angle 18-inch Trinitron color TV

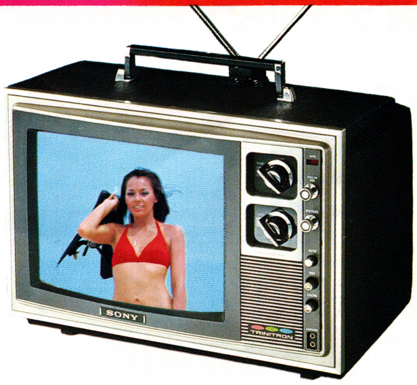
TV system: CCIR system B, G and H
Color system: PAL
Channel coverage: VHF channels E2 – E4 (Band I), E5 – E12 (Band III), UHF channels, E21 – E69 (Band IV/V)
Antenna system: 75-ohm antenna terminals for both VHF and UHF
Picture tube: Trinitron system, 18″ measured diagonally, 114-degree deflection
Semiconductors: 10 ICs, 83 transistors, 78 diodes
Speaker: 8×16 cm (3⅛×6³⁄₁₆″)
Power requirements: AC 220 – 240V, 50 Hz
Power consumption: 110W
Dimensions: 575(W)×398(H)×375 mm(D) (22¾×19½×14⅞″)
Weight: 26.5 kg (58 lb 5 oz)
Supplied accessory: Earphone

KV-1810DF ¥198,000

French standard wide angle 18-inch Trinitron color TV

TV system: French TV standard, system L (625 lines) and E (819 lines)
Color system: SECAM
Channel coverage: VHF channels F2 – F12, UHF channels F21 – F69
Antenna system: 75-ohm external antenna terminals, unbalanced
Picture tube: Trinitron system, 18″ (picture diagonal 17″) measured diagonally, 114-degree deflection
Semiconductors: 2 ICs, 87 transistors, 101 diodes
Speaker: 10 cm (4″) dia.
Power requirements: AC 110/127/220V, 50 Hz
Power consumption: 140W
Dimensions: 577(W)×403(H)×381 mm(D) (22¾×15⅞×15″)
Weight: Approx. 26 kg (59 lb 6 oz)
Supplied accessory: Earphone

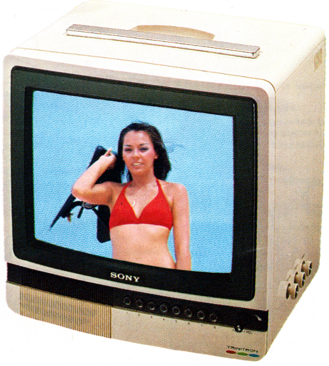
all simulated TV pictures on this page



KV-1203 ¥107,000

American standard VHF/UHF 12-inch portable in plastic cabinet

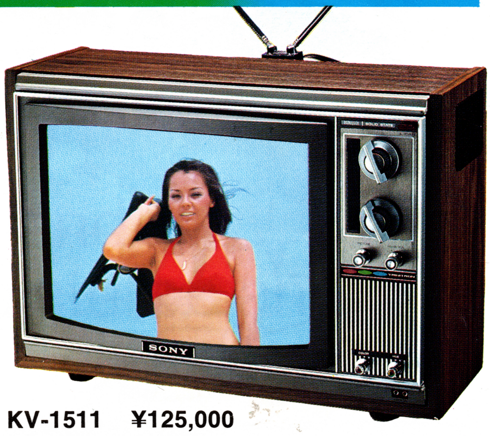
TV system: American TV standard
Color system: NTSC
Channel coverage: VHF channels 2 – 13, UHF channels 14 – 83 (70-position detent tuner)
Antenna system: VHF telescopic dipole antenna AN-16, UHF loop antenna, 300-ohm external antenna terminals for VHF and UHF, balanced
Picture tube: Trinitron system, 12″ measured diagonally, 90-degree deflection
Semiconductors: 1 IC, 49 transistors, 27 diodes
Speaker: 8×12 cm (3⅛×4¾″)
Power requirements: AC 120V, 50/60 Hz
Power consumption: 87W (max.)
Dimensions: 438(W)×335(H)×412 mm(D) (17¼×13⅛×15½″)
Weight: 14.0 kg (30 lbs)
Supplied accessories: UHF loop antenna AN-15, Earphone



KV-1340E ¥120,000

Western European standard 13-inch Trinitron color TV in white cabinet

TV system: CCIR system B, G, and H
Color system: PAL
Channel coverage: VHF E2 – E4 (Band I), E5 – E12 (Band III), UHF E21 – E69 (Band IV/V)
Antenna system: 75-ohm external antenna terminals for VHF and UHF, balanced
Picture tube: Trinitron system, 13″ measured diagonally, 90-degree deflection
Semiconductors: 1 IC, 69 transistors, 60 diodes
Speaker: 8×12 cm (3¼×3¾″)
Power requirements: AC 220V, 50 Hz
Power consumption: 78W (max.)
Dimensions: 340(W)×347(H)×402 mm(D) (13⅜×12⅔×15¾″)
Weight: 13.5 kg (29 lb 12 oz)
Supplied accessories: Earphone
Optional accessory: Indoor antenna AN-33E (VHF, UHF) ¥4,800

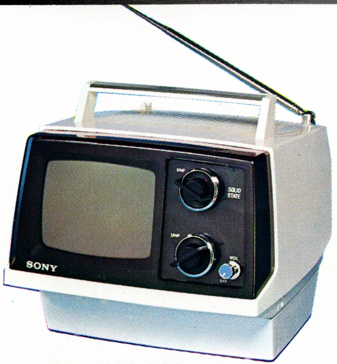


KV-1511 ¥125,000

High-performance 15-inch Trinitron color TV for family viewing

TV system: American TV standard
Color system: NTSC
Channel coverage: VHF channels 2 – 13, UHF channels 14 – 83
Antenna system: VHF telescopic dipole antenna, UHF loop antenna, 300-ohm external antenna terminals for both VHF & UHF
Picture tube: Trinitron system, 15″ measured diagonally, 90-degree deflection
Semiconductors: 2 ICs, 52 transistors, 32 diodes
Speaker: 10 cm (4″) dia.
Power requirements: AC 120V, 50/60 Hz
Power consumption: 105W
Dimensions: 519(W)×372(H)×414 mm(D) (20½×14⅝×16⅜″)
Weight: 19 kg (41 lb 14 oz)
Supplied accessories: UHF loop antenna AN-15, Earphone

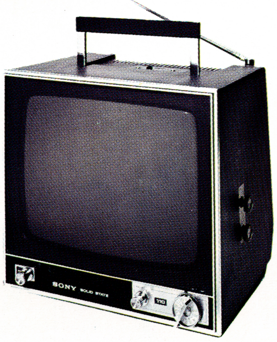
B/W TVs



TV-520 ¥39,800

Personal 5-inch TV of AC/DC operation Receives American standard VHF/UHF

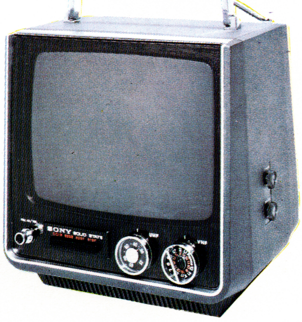
TV system: American TV standard
Channel coverage: American VHF channels 2 – 13, American UHF channels 14 – 83
Picture tube: 5″ measured diagonally, 70-degree deflection
Semiconductors: 1 IC, 27 transistors, 17 diodes
Speaker: 10×7 cm (4×2¾)
Power requirements: AC 120V, 60 Hz, DC 12V (car battery or Sony rechargeable battery BP-27 (optional))
Power consumption: AC 19W (max.), DC 9W (average)
Dimensions: 248(W)×182(H)×251 mm(D) (9¾×7¼×10″)
Weight: 3.5 kg (7 lb 11 oz)
Supplied accessories: AC power cord, Earphone



TV-110UWE ¥52,000

American, West European and Italian standard VHF/UHF 11-inch portable

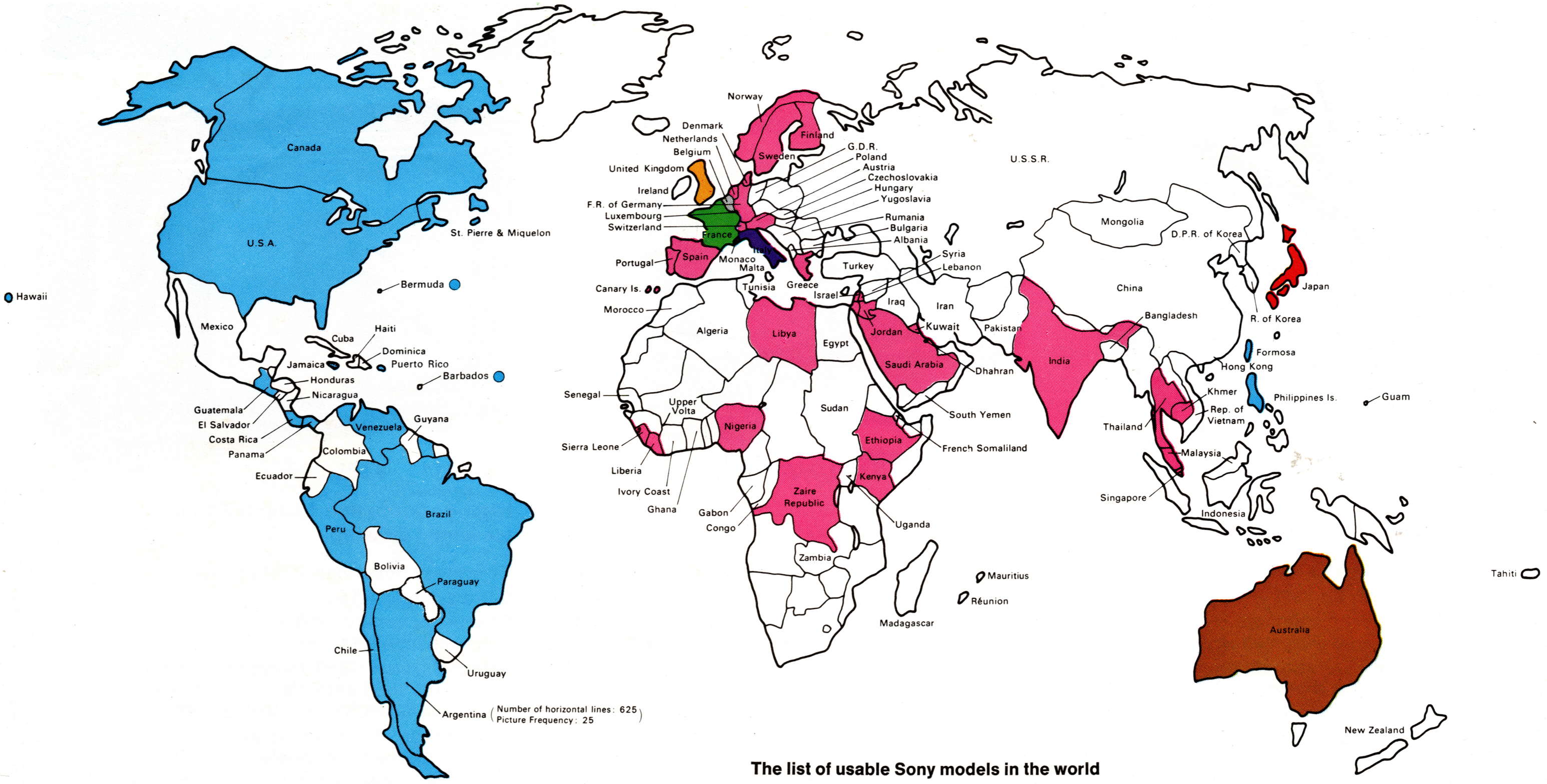
TV system: American, CCIR Continental (West European including Italian) TV standard, Special casting in U.S. forces in Europe
Channel coverage: VHF: American channels 2 – 13, U.S. forces in Europe channels, West European channels 3 – 11, Italian channels A – H, H1. UHF: American channels 14 – 83, U.S. forces in Europe channels, West European channels 21 – 69
Picture tube: 11″ measured diagonally, 90-degree deflection
Power requirements: AC 117/220V, 50/60 Hz, DC 12V
Dimensions: 286(W)×295(H)×302 mm(D) (11¼×11⅝×11⅞″)
Weight: 7.4 kg (16 lb 6 oz)
Supplied accessories: UHF loop antenna AN-8, Smoked filter Earphone



TV-112UM ¥60,000

Versatile 11-inch portable TV Receives French, German, Italian, Flemish, etc.

TV system: CCIR (West European TV standard), Belgian TV standard, French TV standard
Channel coverage: VHF, CCIR and Belgian channels 2 – 12; French channels 2, 4 – 12, Italian channels B, D, H, H1, UHF 21 – 69
Picture tube: 11″ measured diagonally, 90-degree deflection
Power requirements: AC 110/130/220V (changeable with voltage selector), 50 Hz
Dimensions: 302(W)×314(H)×303 mm(D) (11⅞×12⅜×11⅚″)
Weight: 7.4 kg (16 lb 5 oz)
Supplied accessories: UHF loop antenna AN-8, Earphone


Canada
U.S.A.
Hawaii
St. Pierre & Miquelon
Bermuda
Mexico
Cuba
Haiti
Dominica
Jamaica
Puerto Rico
Honduras
Barbados
Nicaragua
Guatemala
El Salvador
Costa Rica
Panama
Venezuela
Guyana
Colombia
Ecuador
Brazil
Peru
Bolivia
Paraguay
Chile
Uruguay
Argentina (Number of horizontal lines: 625 Picture Frequency: 25)
Norway
Denmark
Netherlands
Belgium
United Kingdom
Ireland
F.R. of Germany
Luxembourg
Switzerland
France
Portugal
Spain
Monaco
Malta
Italy
Finland
Sweden
G.D.R.
Poland
Austria
Czechoslovakia
Hungary
Yugoslavia
Rumania
Bulgaria
Albania
Syria
Lebanon
Turkey
Greece
Israel
Canary Is.
Morocco
Tunisia
Algeria
Libya
Egypt
Iraq
Iran
Kuwait
Jordan
Saudi Arabia
Dhahran
Pakistan
India
South Yemen
French Somaliland
Senegal
Upper Volta
Nigeria
Sudan
Ethiopia
Sierra Leone
Liberia
Ivory Coast
Ghana
Gabon
Congo
Zaire Republic
Kenya
Uganda
Zambia
Mauritius
Réunion
Madagascar
U.S.S.R.
Mongolia
D.P.R. of Korea
China
Japan
R. of Korea
Bangladesh
Formosa
Hong Kong
Khmer
Philippines Is.
Guam
Rep. of Vietnam
Thailand
Malaysia
Singapore
Indonesia
Tahiti
Australia
New Zealand

The world's TV standards and corresponding countries

Standards	Area	Sound modula-tion	Sound carrier relative to vision carrier	Vision modulation	Number of lines	Picture frequency	Channel width	Video band-width
American Standard	🟦	FM	+4.5MHz	Negative	525	30Hz	6MHz	4MHz
Australian Standard	🟫	FM	+5.5	Negative	625	25	7	5
Belgian Standard	▨	AM	+5.5	Positive	625	7	25	5
British Standard	🟧	AM FM	−3.5 +6	Positive Negative	405 625	25 25	5 8	3 5.5
CCIR Continental (Western European) Standard	🟥	FM	+5.5	Negative	625	25	7	5
French Standard	🟩	AM FM	+6.5 +11.15	Positive Positive	625 819	25 25	8 14	6 10.4
Italian Standard	🟪	FM	+5.5	Negative	625	25	7	5
Japanese Standard	🟥	FM	+4.5	Negative	525	30	6	4

The list of usable Sony models in the world

	B/W TV				Color TV		
Country	TV-520	TV9-90UB	TV-110UWE	TV-112UM	KV-9200 KV-5100 KV-1203 KV-1740 KV-1511	KV-1340E KV-1820E	KV-1810DF
Austria			○	○		○	
Bermuda	○		○		○		
Barbados			○		○		
Belgium				○			
Brazil (except 127V areas)			○				
Canada	○		○		○		
Canary Islands				○			
Chile			○				
Costa Rica	○		○		○		
Ethiopia			○	○			
Finland			○	○		○	
Formosa	○		○		○		
France				○			○
Germany (West)			○	○		○	
Greece			○	○			
Guam	○		○		○		
Guatemala	○ (except 220V areas)		○		○ (except 220V areas)		
India			○	○			
Iran			○	○			
Israel			○	○			
Italy			○				
Jordan			○	○		○	
Lebanon			○	○			
Liberia			○	○			
Libya				○			
Netherlands			○	○		○	
Nigeria			○	○			
Norway			○	○		○	
Panama	○		○		○		
Peru			○				
Philippines	○ (except 220V areas)		○		○ (except 220V areas)		
Portugal			○	○			
Puerto Rico	○		○		○		
Saudi Arabia			○	○			
Singapore			○	○			
Spain				○			
Sweden			○	○		○	
Switzerland			○	○		○	
Thailand			○	○		○	
United Kingdom		○					
U.S.A.	○		○		○		
Venezuela			○				
Zair Republic			○	○			

Sony Show Room: Tokyo Tel. (03) 571-6922 Osaka Tel. (06) 251-2391 Sony Information Center: Tokyo Tel. (03) 443-0111

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